FARFI COMPACT

MODEL

SECHEMATIC MANUAL

		C_0	C1A	C1B	C2A	C2B	C3A	C3B	C4A	C4B	C5A	C5B	C6A	C6B
C	DO	75n	56n	6,8n	10n	12n	22n	27n	39n	47n	82n	100n	160n	170n
C#	DO#	16n	8,2n	12n	18n	27n	33n	39n	68n	82n	120n	150n		
D	RE	14,1n	8,2n	10n	15n	22n	33n	39n	68n	82n	120n	180n		
D#	RE#	13n	8,2n	10n	15n	22n	33n	39n	68n	82n	120n	150n		
E	MI	11,2n	6,8n	10n	15n	22n	27n	39n	56n	82n	120n	160n		
F	FA	10n	6,8n	10n	15n	18n	27n	39n	56n	68n	120n	150n		
F#	FA#	8n	6,8n	10n	12n	18n	27n	33n	56n	68n	100n	120n		
G	SOL	7,8n	5,6n	10n	12n	15n	22n	33n	56n	68n	100n	120n		
G#	SOL#	7,1n	5,6n	8,2n	12n	15n	22n	33n	47n	68n	82n	100n		
A	LA	5,9n	5,6n	8,2n	10n	15n	22n	33n	47n	68n	82n	100n		
A#	LA#	10n	5,6n	6,8n	10n	12n	22n	33n	47n	56n	82n	100n		
B	SI	8,3n	4,7n	6,8n	8,2n	12n	18n	27n	39n	47n	82n	100n		

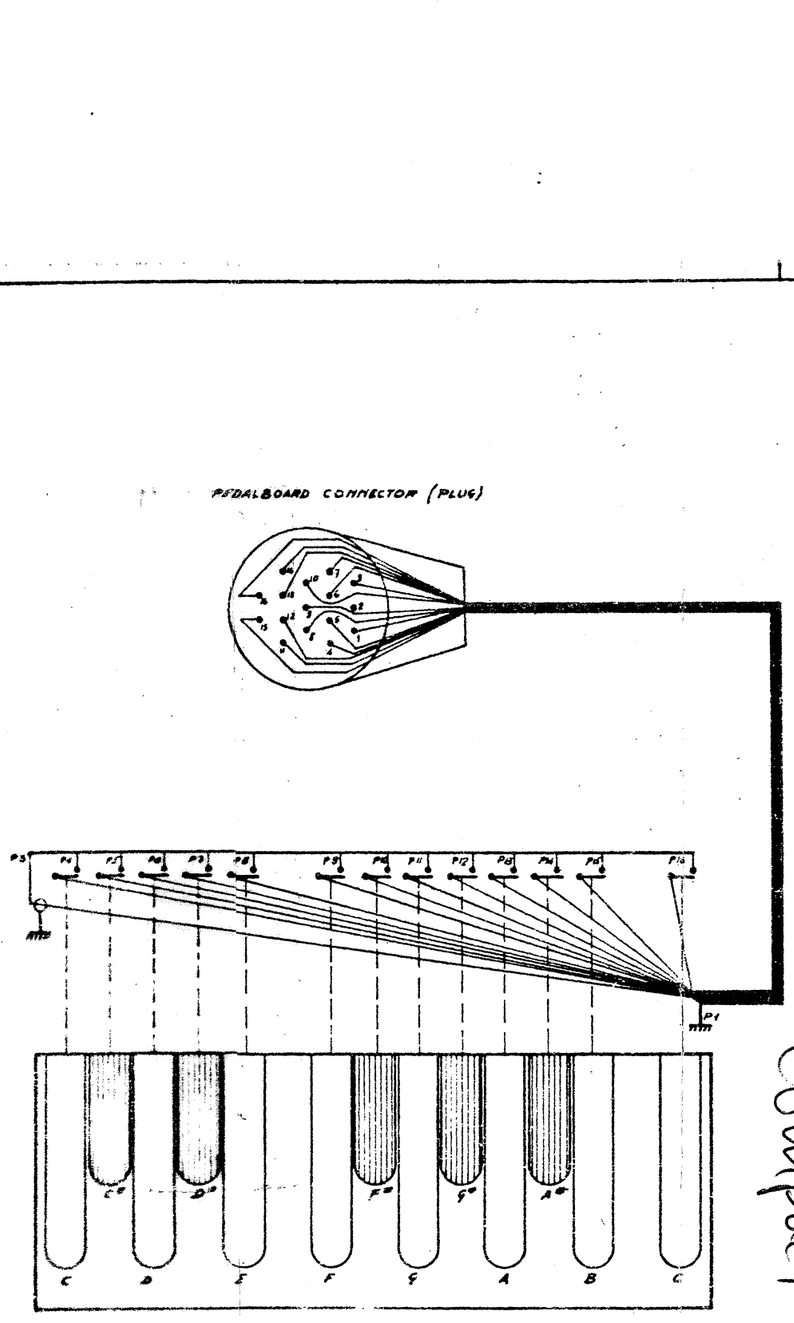
WAVE FORMS OF THE VARIOUS TIMBRES TAKEN FROM THE CONNECTOR TO L.P. PIN No 16 1st C WHITE KEY.

STRINGS 4	16 m/pp	
PICCOLO 4	45 m/pp	
FLUTE 4	25 m/pp	
STRINGS 8	20 m/pp	
TRUMPET 8	70 m/pp	
OBOE 8	8 m/pp	
FLUTE 8	65 m/pp	
STRINGS 16	110 m/pp	
BASS 16	180 m/pp	

PIN Nº	TONE	COLOR CODE
4	C	GREY
5	C#	WHITE
6	D	TRANSPARENT
7	D#	PINK
8	E	BLACK
9	F	BROWN
10	F#	RED
11	G	ORANGE
12	G#	YELLOW
13	A	GREEN
14	A#	LIGHT BLUE
15	B	BLUE
16	C	VIOLET

RESISTORS	CAPACITORS
= 1/8 WATT	= 125 WV
= 1 WATT	= 400 WV
= 10 WATT	= 630 WV

PEDALBOARD CONNECTOR (PLUG)



values of G/10 generator boards' dividers

		C₀	C1A	C1B	C2A	C2B	C3A	C3B	C4A	C4B	C5A	C5B	C6A	C6B
C	DO	75n	56n	68n	10n	12n	22n	27n	39n	47n	82n	100n	160n	170n
C#	DO#	16n	8,2n	12n	18n	27n	33n	39n	68n	82n	120n	150n		
D	RE	14,1n	8,2n	10n	15n	22n	33n	39n	68n	82n	120n	150n		
D#	RE#	13n	8,2n	10n	15n	22n	33n	39n	68n	82n	120n	150n		
E	MI	11,2n	6,8n	10n	15n	22n	27n	39n	56n	82n	120n	160n		
F	FA	10n	6,8n	10n	15n	18n	27n	39n	56n	68n	120n	150n		
F#	FA#	8n	6,8n	10n	12n	18n	27n	33n	56n	68n	100n	120n		
G	SOL	7,8n	5,6n	10n	12n	15n	22n	33n	56n	68n	100n	120n		
G#	SOL#	7,1n	5,6n	8,2n	12n	15n	22n	33n	47n	68n	82n	100n		
A	LA	5,9n	5,6n	8,2n	10n	15n	22n	33n	47n	68n	82n	100n		
A#	LA#	10n	5,6n	6,8n	10n	12n	22n	33n	47n	56n	82n	100n		
B	SI	8,3n	4,7n	6,8n	8,2n	12n	18n	27n	39n	47n	82n	100n		

WAVE FORMS OF THE VARIOUS TIMBRES TAKEN FROM THE CONNECTOR TO L.F. PIN No 16 1st C WHITE KEY.		PIN Nº	TONE	COLOR CODE
STRINGS 4	16 mVpp	4	C	GREY
PICCOLO 4	45 mVpp	5	C#	WHITE
FLUTE 4	25 mVpp	6	D	TRANSPARENT
STRINGS 8	80 mVpp	7	D#	PINK
TRUMPET 8	70 mVpp	8	E	BLACK
OBOE 8	5 mVpp	9	F	BROWN
FLUTE 8	65 mVpp	10	F#	RED
STRINGS 16	110 mVpp	11	G	ORANGE
BASS 16	120 mVpp	12	G#	YELLOW
		13	A	GREEN
		14	A#	LIGHT BLUE
		15	B	BLUE
		16	C	VIOLET

RESISTORS	CAPACITORS
= 1/8 WATT	= .125 WV
= 1 WATT	= 400WV
= 10 WATT	= 630WV

Original (Compact) (Com 66)

MULTI-TONE BOOSTER

V1 ECC 83

+8V TO TONE GENS S/IC

REVERB.

V2 ECC 83

VOLUME BASS MANUAL AND PEDALBOARD

2ND BASS MANUAL

f = 600m.pp
m/s 800m.pp
p= 1.65m.pp

TREBLE

BASS 250K LIN

SAK LIN VOLUME

AC128

OUTPUT

ZL9

FUSE

MAINS

CONNECTOR TO LF PREAMPLIFIER

SWELL PEDAL

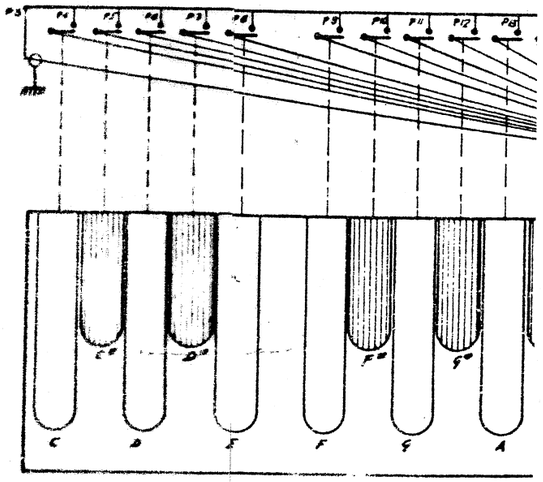
12V 33m

HEAD PHONE
8000Ω

BASS 16

STRINGS 16

PEDALBOARD CONNECTOR (PLUG)



FD/10

PA/10

REVERB VOLUME PRESET

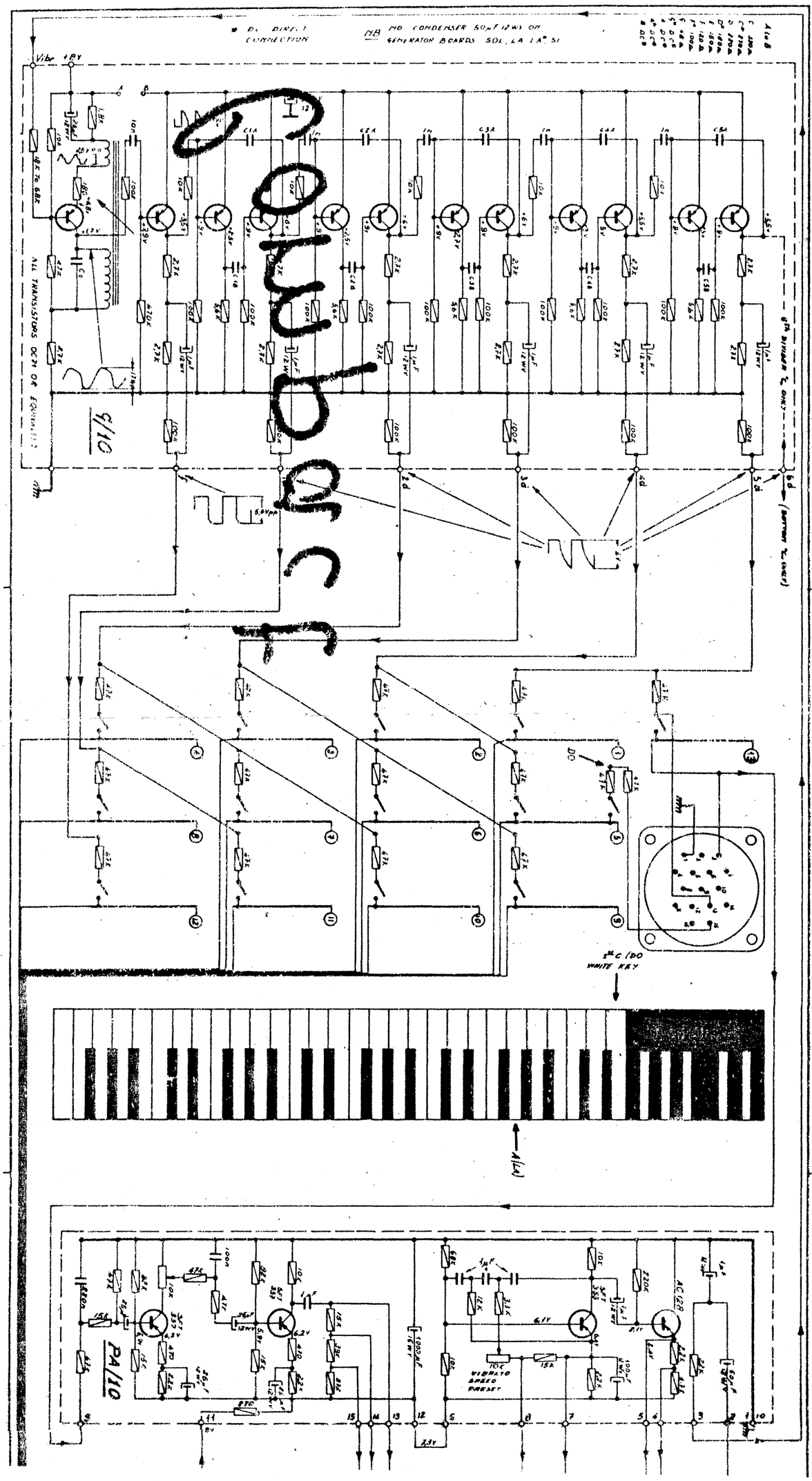
HULTI-TONE BOOSTER

VOLUME BASS MANUAL AND PEDALBOARD

2nd BASS MANUAL

CONNECTOR TO

OFF PEDAL p	OFF PEDAL mf	OFF PEDAL f	SLOW FAST	LIGHT HEAVY	OFF VIBRATO ON	OFF REVERB ON	MED. LONG	16'	8'	4'	OFF ALL BOOSTER ON	OFF MULTI-TONE BOOSTER ON	BASS 16	STRINGS 16	F


NB NO CONDENSER 50μF 12WV ON SEPARATOR BOARDS SO1, LA 1 A° 51
Vbe 18V
A to B
C 100n
C# 47nD
D 47nD
D# 100n
E 50nD
F 100n
F# 100n
G 47nD
G# 47nD
A 47nD
A# 47nD
B 47nD
6th DIVIDER (2 ONLY)
5d (BOTTOM 2 ONLY)
1d
2d
3d
4d
5d
6d
All TRANSISTORS OCN OR EQUIVALENT
PA/10
9/10
DO
2nd C 1DO WHITE KEY
A1 (M)
VIBRATO AMBED PRESET
AC 128
6.2V
6.1V
5.6V p-p
3.3V